

Appendix H.

Supplemental License-Frame Based Survey

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SECTION A - STATEMENT OF WORK

BACKGROUND

The purpose of this option is to evaluate the effectiveness of telephone-sampling based on a fishing license frame. Sampling using a license frame has the potential of reducing the required sample size by one-third. NMFS would slightly modify intercept sampling to allow collection of adjustment factor data regarding exemptions to license requirements, which are usually based on age, physical disabilities, and sometimes fishing mode. NMFS would redistribute monies saved by reducing the sample size of the telephone interviews either to allow increased intercept sampling or to exercise another option. NMFS could exercise this license frame option for one or more states. States involved in this option must implement a fishing license with collection of telephone numbers and computerization of all or part of the license frame. If only part of the licenses is automated, there must be enough randomly automated sample for six waves of dialing with none of the licensees contacted in more than one wave.

REQUIREMENTS

1.0 Telephone Survey

The major changes to the telephone survey procedures regard 1) obtaining and processing the license sampling frame, 2) minor changes to the screening portion of the questionnaire, and 3) if fully implemented on a sub-region basis, reduced sample size. All other telephone survey requirements regarding quality control, call-backs, sampling periods, training, supervision, and reporting shall remain unchanged. Those requirements are provided for in the Statement of Work for the 1999 contract and are incorporated in this Statement of Work by reference.

1.1 Telephone Sample Frame

If this option is exercised, the state(s) selected would provide a computerized license frame on annual basis, by January 31, to the National Marine Fisheries Service (NMFS). The NMFS will transfer the license frame to the telephone contractor. The contractor shall be responsible for selecting a proportional random sample of the license frame based on the geographic distribution of license sales for each wave. Duplicate contact of licensees across waves is not allowed. The contractor will use directory assistance and any other appropriate tools to obtain working phone numbers for at least 50% of the licenses with invalid telephone numbers. The cleaned license frame would be provided to NMFS at the conclusion of the sampling for a year on an agreed upon magnetic media (e.g., 3 1/2" diskette or network transferral) in an agreed upon format (e.g., SAS). Example sample sizes by state, county and wave are provided in Table H.1.

1.2 Telephone Interview Screening

The telephone survey instrument will be the same as that used in the routine MRFSS survey,

except for the screening questions. Rather than the questions asking whether anyone in the household goes fishing, the screening would be structured to reach the licensee selected from the sampling frame and to determine whether that person fished in the last twelve months and the last two months. If the angler fished in the last two months, the full interview would be administered. Only the selected angler would be interviewed; no other household members would be interviewed unless they were randomly selected as part of the sample. Proxy data for the selected angler would be allowed, according to the proxy guidelines already in effect. Other screening requirements as provided for in the Statement of Work for the 1999 contract are incorporated in this Statement of Work by reference.

1.3 Reporting Requirements

Current reporting requirements for the routine MRFSS are provided for in the Statement of Work for the 1999 contract and are incorporated in this Statement of Work by reference. The only difference is the non-fishing household file. Instead of fishing and non-fishing household, the supplemental file for this option will tally licensees for each county and wave:

- i) the total number of licenses sold in that county annually (or the distribution based on the computerized subsample),
- ii) the total sample size for the county and wave,
- iii) the number of licensees who fished in the last 12 months, and
- iv) the number of licensees who fished in the last 2 months.

2.0 Intercept Survey

The main changes to the intercept survey will be 1) the addition of no more than four questions that will be used to determine whether the respondent is included in the license frame, and 2) if implemented fully for a sub-region, an increase in the sample size caused by savings from the telephone survey sample size reduction. Increases in sample size will be allocated within the same wave as the savings from the telephone sampling and will be proportional to the base sample size by mode. All other intercept survey requirements regarding quality control, call-backs, sampling periods, training, and reporting shall remain unchanged. Those requirements are provided for in the Statement of Work for the 1999 contract and are incorporated in this Statement of Work by reference.

2.1 Intercept Questions

Most state license frames contain exemptions, such as younger than 16, older than 55 or 60, physical disabilities, veteran's service, or mode of fishing. In some states, such as Florida, shore-based fishers are not required to have a license, while anglers on head boats and/or charter boats are covered by the operator's licence. However, even an angler that is generally exempted or is fishing in an exempted mode for the interviewed fishing trip, may indeed have a license. It is anticipated that the additional questions will be based on known exemptions for state licenses

(i.e., age, physical disabilities, or mode of fishing). The NMFS will work carefully with the contractor to develop the best wording for sensitive questions such as "Do you have a license, although one is not required for the fishing you participated in today?".

2.2 Increased Intercept Sample Size

If fully implemented on a sub-region basis, it is anticipated that the savings from the reduction in telephone interview sample size and from not purchasing a sample frame will be applied to increase intercept sampling. These savings would be distributed across states and waves in proportion to the savings by state and wave.

2.3 Reporting Requirements

Current reporting requirements for the routine MRFSS are provided for in the Statement of Work for the 1999 contract and are incorporated in this Statement of Work by reference. Additionally, tallies of license ownership/exemptions by category by state will be required.

3.0 Data Transmittal

Current data transmittal requirements for the routine MRFSS are provided for in the Statement of Work for the 1999 contract and are incorporated in this Statement of Work by reference.

SECTION B - PERIOD OF PERFORMANCE

The period of performance shall be annually as provided for the routine MRFSS in the Statement of Work for the 1999 contract and is incorporated in this Statement of Work by reference.

SECTION C - CONFIDENTIALITY

The data collected shall be used only for statistical purposes, and will be available in identifiable form only to NMFS and its Contractors except as otherwise required by law. All requirements of the Privacy Act of 1974 (P.L. 93-579) concerning the collection and use of identifiable information for individuals shall be observed. All copies of the application forms shall be returned to the NMFS or destroyed at the COTR's direction upon completion of the survey.

Table H.1: Approximate Numbers of Telephone Survey Allocated by State for the License Frame Option

State	Anticipated Telephone Survey Sample Size
Washington	12.000
Oregon	12.000
California (North)	12.000
California (South)	12.000
Idaho	
Maine	1.400
New Hampshire	1.000
Massachusetts	4.900
Rhode Island	2.100
Connecticut	2.300
New York	5.900
Pennsylvania	
New Jersey	6.900
Maryland	4.300
Delaware	1.600
Virginia	3.800
North Carolina	12.000
South Carolina	4.700
Georgia	2.600
Florida (East)	34.900
Florida (West)	37.300
Alabama	2.900
Mississippi	3.000
Louisiana	8.300